

14-07-2004

CLAIMS

1. Industrial robot having a first part (7) and a second part (5) that are arranged to be movable with respect to each other where at least one cable (11) extends from the first part (7) to the second part (5) via an internal cavity (12), **characterized** in that an excess of cable extends freely through the internal cavity (12) from the first part (7) to the second part (5) and that said at least one cable is connected to at least one of the parts via a releasable contact point (10) that is located inside the internal cavity (12).
2. Industrial robot according any preceding claims, **characterized** in that one of said parts rotates or pivots about the other part.
3. Industrial robot according to any preceding claims, **characterized** in that one of the parts comprises an electric motor (8).
4. Industrial robot according to any preceding claims, **characterized** in that said excess of cable (11) forms an arch inside the internal cavity (12).
5. Industrial robot according to any of claims 1-6, **characterized** in that said excess of cable (11) forms a spiral inside the internal cavity (12).
6. Industrial robot according to any of claims 1-6, **characterized** in that said excess of cable (11) forms an S-shape inside the internal cavity (12).
7. Industrial robot according to claim 9, **characterized** in that the excess of cable (11) extends along an inner wall of the internal cavity (12).
8. Method of connecting at least part of at least one cable (11) between a first (7) part and a second part (5) of an industrial robot which are arranged to be movable with respect to each other where said at least one cable (11) extends from a first contact/securing point (10) on the first part (7) to a second contact/securing point

on the second part (5) via an internal cavity (12), characterized in connecting/securing said at least one cable to the first contact/securing point (10), moving the first and second contact/securing points into a position where they are furthest from each other, extending a length of cable (11) freely through the internal cavity (12) from the first contact/securing point (10) to the second contact/securing point (13) and connecting/securing said at least one cable releasably to the second part (5).

ART 34 AMDT

AMENDED SHEET